



BELLSOUTH TELECOMMUNICATIONS, INC.
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CANCELS 2ND REVISED PAGE 21-1

EFFECTIVE: JUNE 6, 1998

ACCESS SERVICE

21 - Fast Packet Access Services

The Telephone Company will provide three types of Fast Packet Access Services: (C)
Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access
Frame Relay Service) as described in Section 21.1 following, Exchange Access (C)
Connectionless Data Service (XACDS) (a.k.a. BellSouth Exchange Access
Connectionless Data Service) as described in 21.2 following, and BellSouth (C)
Exchange Access Asynchronous Transfer Mode Service (XAATMS) as described in (C)
21.3 following. Fast Packet Access Services are available as specified in the (C)
National Exchange Carrier Association (N.E.C.A.) Tariff F.C.C. No. 4. (C)

21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service)

21.1.1 General Description

Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access
Frame Relay Service) is a connection oriented packet-switched data service
allowing for the interconnection of local area networks (LANs) or other
compatible customer equipment. This service provides efficient throughput at
various transmission speeds.

XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) allows for the
transfer of variable length frames (packets). Frames are relayed by virtual
connections; frames travel a fixed path through the network although bandwidth
is not dedicated to each virtual connection.

This service uses permanent virtual circuit (PVCs). A PVC is a logical
channel from one XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service)
network interface to another XAFRS (a.k.a. BellSouth Exchange Access Frame
Relay Service) network interface. PVCs are end-to-end, bi-directional (T)
channels that are established via the service provisioning process.

The XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) standard
specifies an address field called the Data Link Connection Identifier (DLCI).
The DLCI specifies a connection.

XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) is comprised of a
network interface component plus optional features. Connection to XAFRS
(a.k.a. BellSouth Exchange Access Frame Relay Service) network interfaces may
be accomplished through dedicated access. For interstate dedicated access,
rates, charges, and regulations for Special Access (a.k.a. BellSouth SPA)
Services are specified in Section 7 preceding. Only non-channelized bandwidth
may terminate on an XAFRS (a.k.a. BellSouth Exchange Access Frame Relay
Service) network interface.

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ACCESS SERVICE

21 - Fast Packet Access Services

21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd) (M)

21.1.1 General Description (Cont'd) (M)

There are two network interfaces available - a user network interface (UNI) (M)
and a network-to-network interface (NNI). (M)

The user network interface (UNI) is a standard interface used to connect the (M)
customer to the XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) (M)
network. It receives the data frame from the customer's network or device and (M)
verifies that the DLCI is valid before relaying the frame to the destination. (M)
The UNI is offered at transmission speeds of 56 Kbps, 64 Kbps, 1.536 Mbps, and (M)
44.210 Mbps. (M)

The network-to-network interface (NNI) specifies how an XAFRS (a.k.a. (M)
BellSouth Exchange Access Frame Relay Service) switch sends and receives data (M)
from another provider's Frame Relay switch. The NNI is offered at (M)
transmission speeds of 56 Kbps, 64 Kbps, 1.536 Mbps and 44.210 Mbps. (M)

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ACCESS SERVICE

21 - Fast Packet Access Services

21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

21.1.2 Service Description

(1) Installation of Service

Nonrecurring charges apply to each UNI or NNI on each XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) installed, except as set forth in 21.1.8 following.

(C)
(C)

Nonrecurring charges for the Network Interface elements are set forth in 21.1.10(A) following.

(2) Installation of Optional Features

Nonrecurring charges apply to the installation of optional features as set forth in 21.1.10(B) following.

(3) Service Rearrangements

Service rearrangements are changes to existing (installed) services which do not result in a change in the minimum period requirements as set forth in 5.6(E) preceding. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts. A change which results from a transfer of service is described and charged as set forth in (4) and 21.1.10(D) following.

(4) Transfer of Service

When a change in billing data (e.g., name, address, contract name, or telephone number) is requested in association with a change in the customer's record, transfer of service charges, as set forth in 21.1.10(D) following will apply. Charges are applied on a Billing Account Number (BAN).

(5) Maintenance

In order to maintain the quality of XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service), the Company reserves the right to perform preventive maintenance and software updates to the network. This could result in XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) being unavailable during the time period between 2:00 A.M. and 4:00 A.M. Eastern Time on any given Wednesday or Sunday morning. However, the Company only expects to utilize this maintenance window for any given switch on the average of once a quarter. In addition, the Company will make every reasonable effort to provide advance notice to those customers likely to be affected by such maintenance work. This maintenance window may be adjusted by the Company upon written notice to the customer.

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21 - Fast Packet Access Services

21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. Bell South Exchange Access Frame Relay Service) (Cont'd) (T)
(T)

21.1.3 Technical Specifications

The provision of Exchange Access Frame Relay Service (XAFRS) (a.k.a. Bell South Exchange Access Frame Relay Service) requires the applicable network interface component. In addition, the customers may add optional features. Each of the components of the service are described in this Section. (T)
(T)

All services installed after the effective date of this tariff will conform to the transmission specification standards in the following references:

- UNI specifications for XAFRS (a.k.a. Bell South Exchange Access Frame Relay Service) are: (T)
(T)

ANSI T1.617-1991, "Integrated Services Digital Network (ISDN) - Digital Subscriber Signaling System No. 1 (DSS1) - Signaling Specification for Frame Relay Service", American National Standards Institute, and ANSI T1.618-1991, "Integrated Services Digital Network (ISDN) - Core Aspects of Frame Relay Bearer Service", American National Standards Institute.

Document No. 001-208966, "Frame Relay Specification with Extension Based on Proposed T1S1 Standards", Digital Equipment Corporation, Northern Telecom, Inc., and StrataCom, Inc.

- NNI specifications for XAFRS (a.k.a. Bell South Exchange Access Frame Relay Service) are: (T)
(T)

Frame Relay Forum Document FRF.2, Frame Relay Network-to-Network Phase 1 Implementation Agreement.

All UNI access facilities must be in conformance with ANSI standards T1.617-1991, T1.618-1991.

All NNI access facilities must be in conformance with ANSI standards and Bellcore Technical Reference TS-TSV-001370.

- performance specifications for XAFRS (a.k.a. Bell South Exchange Access Frame Relay Service) are: (T)
(T)
Bell South Technical Reference 73587, Frame Relay Service Interface and Performance Specifications.

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ACCESS SERVICE

21 - Fast Packet Access Services

21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service (Cont'd))

21.1.4 Interface Specifications

The following specifications are available with this service:

Digital packet (UNI)
Digital packet (NNI)

21.1.5 Acceptance Testing

At no additional charge, and at the customer's request, the Telephone Company will cooperatively test at the time of installation.

21.1.6 Ordering Options and Conditions

The Access Order, as set forth in Section 5 preceding, is used in the provisioning of Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service). Also included in that section are other charges which may be associated with ordering XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) (e.g., Service Date Change Charges, Cancellation Charges, etc.).

21.2.7 Minimum Period of Service

The minimum period is one month.

21.1.8 Rate Regulations

Rates and charges are specified in 21.1.10 following for Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service). XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) is available under the Fast Packet Services Payment Plan (SPP) as specified in 2.4.8(C) preceding. The nonrecurring charges for NNI's set forth in 21.1.10(A) following shall not apply for the installation of NNI's under Fast Packet SPP fixed service periods of 25 months or greater that are ordered between February 17, 1998 and May 15, 1998 and are installed by June 15, 1998. (C)
(C)
(C)
(C)

21.1.9 Rate Categories

The following rate categories apply to XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service):

(A) Network Interface

This rate category provides for the customer's termination on the Fast Packet switch. The Network Interface rate category includes the packet switching function.

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21 - Fast Packet Access Services

21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. Bell South Exchange Access Frame Relay Service) (Cont'd)

21.1.9 Rate Categories (Cont'd)

(B) Optional Features

The Optional Features rate category provides for optional features which may be added to XAFRS (a.k.a. Bell South Exchange Access Frame Relay Service) to improve its quality or utility to meet specific communications requirements.

(1) DLCIs per UNI or NNI

This feature provides for the assignment of Data Link Channel Identifiers (DLCIs) per UNI or NNI. One DLCI is required per UNI or NNI. When any two DLCIs are mapped together, a PVC can be created. An initial DLCI is included with each UNI and NNI. An additional charge applies for every DLCI after the first one for each UNI or NNI.

(2) Committed Information Rate (CIR)

Committed Information Rate is a feature that enables the customer to select a sustained throughput under normal conditions. A CIR must be selected for each DLCI. A CIR selected with a value greater than zero has a separate charge from any DLCI charges. Frames submitted at a rate above the subscribed CIR will be marked "discard eligible" (DE) and, should network congestion occur, are subject to being dropped by the network. If CIR is set equal to zero, then all frames will be marked DE. However, in the absence of network congestion, DE marked frames will be transported with the same reliability as frames not marked DE. The CIR value selected cannot exceed the minimum transmission speed of the link of either end of the PVC. (T)
(T)

ACCESS SERVICE

21 - Fast Packet Access Services

21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. Bell South Exchange Access Frame Relay Service) (Cont'd) (T)

21.1.9 Rate Categories (Cont'd)

(C) Feature Change Charge

In addition to any specific Optional Feature charges, a Feature Change Charge applies whenever a change is made (at the customer's request) to a single optional feature within a single network configuration on a single switch. Although multiple changes may be caused by such actions, only one Feature Change Charge will apply.

(D) Transfer of Service

When a change to the customer of record is requested, transfer of service charges, as set forth in 21.1.10(D) following will apply. Charges are applied on a Billing Account Number (BAN).

Administrative changes, as identified below, will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Access Service to the same entity. (i.e., customer remains responsible for all outstanding indebtedness for Access Service). Administrative changes are as follows:

- Change of customer name (i.e., the customer of record does not change but rather the customer of record changes its name -- e.g., AT&T-Long Lines to AT&T-Long Lines to AT&T-Communications),
- Change of customer or customer's end user premises address when the change of address is not a result of physical relocation of equipment,
- Change in billing data (name, address, or contract name or telephone number. The customer of record does not change),
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name of telephone number, and
- Change of jurisdiction.

All other service arrangements, including physical changes to existing services, will be charged as follows:

- If the change involves the addition of an optional feature which has a separate nonrecurring charge, that nonrecurring charge will apply.

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ACCESS SERVICE

21 - Fast Packet Access Services

21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. Bell South Exchange Access Frame Relay Service) (Cont'd)

21.1.10 Rates and Charges

(A) Network Interface

	<u>USOC</u>	<u>Month to Month</u>	<u>A 12 to 24 Months</u>	<u>B 25 to 48 Months</u>	<u>Nonrecurring Charges</u>	
- Per UNI includes 1 DLCI						
- 56 Kbps	XAFU5	62.00	49.00	44.00	300.00	
- 64 Kbps	XAFU6	70.00	56.00	50.00	300.00	
- 1.536 Mbps	XAFU1	294.00	234.00	210.00	410.00	
- 44.210 Mbps	XAFU4	2426.00	1920.00	1715.00	1050.00	(T)
- Per NNI includes 1 DLCI						
- 56 Kbps	XAFN5	62.00	49.00	44.00	300.00	(N)
- 64 Kbps	XAFN6	70.00	56.00	50.00	300.00	(N)
- 1.536 Mbps	XAFN1	294.00	234.00	210.00	410.00	
- 44.210 Mbps	XAFN4	2426.00	1920.00	1715.00	1050.00	(T)

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21. 1. 10 Rate and Charges (Cont' d)

(B) Optional Features

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
- DLCI			
- Additional	XAFD2	1.50	25.00
Committed Information Rate (CIR) (Per DLCI) cannot exceed the minimum transmission speed of the link at either end of the PVC.			
- 0 Bps	XAFCA	None	None
- Over 0 thru 32 Kbps	XAFCB	7.00	None
- Over 32 thru 56 Kbps	XAFCC	12.00	None
- Over 56 thru 64 Kbps	XAFCD	13.00	None
- Over 64 thru 128 Kbps	XAFCE	18.00	None
- Over 128 thru 256 Kbps	XAFCH	24.00	None
- Over 256 thru 384 Kbps	XAFCH	28.00	None
- Over 384 thru 512 Kbps	XAFCK	32.00	None
- Over 512 thru 768 Kbps	XAFCL	36.00	None
- Over 768 Kbps thru 1.536 Mbps	XAFCM	55.00	None
- Over 1.536 thru 4 Mbps	XAFCP	120.00	None
- Over 4 thru 10 Mbps	XAFCO	160.00	None
- Over 10 thru 16 Mbps	XAFCR	226.00	None
- Over 16 thru 34 Mbps	XAFCT	250.00	None
- Over 34 thru 44.736 Mbps	XAFCU	370.00	None

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ACCESS SERVICE

21 - Fast Packet Access Services

21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. Bell South Exchange (T)
Access Frame Relay Service) (Cont'd) (T)

21.1.10 Rate and Charges (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(C) <u>Feature Change Charge</u>			
- Per Occurrence, Per Feature	XAFFC	None	25.00
(D) <u>Transfer of Service</u>			
- Per Billing Account Number	XATF	None	65.00

ACCESS SERVICE

18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)18.5 Frame Relay Service(A) Service Description

Frame Relay Service (FRS) is a "fast packet" network service that permits the transmission of data at speeds of 56/64* Kbps, 1.544 (Z) Mbps, or 45 Mbps using Permanent Virtual Circuits (PVCs).

PVCs are logical circuits that define a specific path for data sent by the customer to another location. These circuits are virtual because they are established in software tables and do not tie up capacity when not in use. This also allows multiple paths (PVCs) to be defined on any given port, thereby providing a single access line the capability to transmit data to multiple destinations.

In operation of Frame Relay Service, customer premises equipment, such as routers, encapsulate arriving data into variable length frames. These frames contain information identifying which PVC in the network should be used to forward the frame to the proper (T) destination. The customer premises equipment then sends the frame (T) into the Frame Relay network. The Frame Relay switch reads identifying information and routes the frame to the proper destination based on a pre-established PVC.

The statistical multiplexing Frame Relay switches are able to provide shared network resources to end users of this service.

Frame Relay Service conforms to ITU-T (Telecommunication Standardization Bureau of the International Telecommunication Union, formerly Consultative Committee for International Telegraph and Telephone [CCITT]) and American National Standards Institute (ANSI) publications T1.602, T1.606, T1.617 and T1.618.

The Committed Information Rate (CIR) and the Maximum Burst Rate (Be) are traffic management parameters that allow the customer to fine tune implementation of FRS.

Term Payment Plan (TPP) arrangements are available as set forth under 18.5(E)(4).

* Upon request and where available.

ACCESS SERVICE

18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)18.5 Frame Relay Service (Cont'd)(B) Service Provisioning

(N)

Frame Relay is a transport service that facilitates the exchange of variable length information units (frames) between end user connections by way of assigned virtual connections. Each frame is passed to the Frame Relay network with an address that specifies the virtual connection.

Variable frame length capability is useful in communications between asynchronous Local Area Networks (LANs) and for transport of synchronous data traffic. Frame Relay is capable of handling the requirements of bursty data sources because of the ability of the service to allocate additional bandwidth when not in use by other sources.

Frame Relay is provided to the customer in the form of the Frame Relay User-to-Network Interface (UNI) Port with Access Line, or Frame Relay UNI Port Only, Frame Relay Network-to-Network (NNI) Port Only, and Permanent Virtual Circuits (PVCs). The Frame Relay Access Line forms the component which provides the customer access to the customer's serving wire center and interoffice transport from the customer's serving wire center to the Frame Relay Switch. The Frame Relay Access Line is provided for use only with Frame Relay Service. 45 Mbps is not offered bundled with the Frame Relay Access Line. The Frame Relay UNI and NNI Port Only offerings are provided for digital special access line connections to the network supporting Frame Relay Service. Digital special access lines are available from Section 7.

For unbundled services, both the port and digital special access line must be ordered by and billed to one customer.

Ports are provisioned on a specified speed and Committed Information Rate (CIR) basis, depending upon the customer's request. The actual throughput of customer traffic cannot exceed the bandwidth of the access line and port speed. Since multiple PVCs may be defined on one physical port, it is possible for the cumulative CIRs to exceed the physical bandwidth of that port. This is referred to as over-subscription and when this occurs, there can be no guarantee that the CIR defined for that port and PVC will be available at any point in time.

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18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)18.5 Frame Relay Service (Cont'd)(B) Service Provisioning (Cont'd)

(N)

No PVC can have a CIR greater bit rate than the lower of the two port speeds connected by the PVC segment.

A PVC must be associated with at least one Frame Relay Port. A Frame Relay Port can be associated with multiple PVCs.

A customer subscribing to a FRS port or port with access line will be referred to as the Controller of the Frame Relay Port. A separate entity may subscribe, with written authorization from the Controller, to a PVC which allows communication between entities. A disconnect of a PVC does not result in the disconnect of the underlying access line and port. Only the Controller of the Frame Relay Service may order the disconnect of the Frame Relay Access Service. Both customers must have a Frame Relay Service. The Controller of each Frame Relay Access Service must have written permission from the Controller(s) of each of the Frame Relay Services to which a PVC is requested.

The Frame Relay Port with PVC CIR Capacity may be ordered and billed separately from an associated Frame Relay Port and PVC and can have different customers as Controllers.

The customer must specify at service subscription the Committed Information Rate (CIR) and the Maximum Burst Rate (Be) for each port ordered. CIR is the maximum information rate at which the customer's traffic will be admitted to the Frame Relay network without being designated eligible for discard.

The value for the Burst Rate (Be) will be the lower of the two port speeds connected by the PVC segment. For example, if customer location A has a 56 Kbps port and customer location B has a 45 Mbps port, the Be for the PVC linking these two locations will be 56 Kbps.

The Telephone Company does not undertake to originate data, but offers the use of its service components, where available, to customers for the purpose of transporting customer-originated data.

Frame Relay Service is available where facilities and conditions permit.

(N)

ACCESS SERVICE**18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)****18.5 Frame Relay Service (Cont'd)****(C) Obligations of the Telephone Company****(N)**

In addition to the general conditions described in Section 2, when a customer requests a path which is related to other Local Exchange Carriers, Interexchange Carriers or other Frame Relay networks, the Telephone Company will provide assistance in establishing the associated PVC.

The Telephone Company has the service responsibility up to and including the network interface.

Occasionally, in order to perform software updates and other maintenance, it may be necessary to take the Frame Relay switch out of service, during the predetermined maintenance window. In these cases, all attempts will be made to notify the Customer in advance as to the time and duration of these outages. The Telephone Company reserves the right to temporarily interrupt Frame Relay Service at other times in emergency situations.

(D)**Obligations of the Customer**

In addition to the general conditions described in Section 2:

- The customer's Frame Relay terminal equipment has the responsibility for retransmitting frames which are discarded due to errors or network congestion.
- The customer, upon request, shall furnish such information as may be required to permit the Telephone Company to design and maintain the Frame Relay Service it offers and to assure that the service arrangement is in compliance with the regulations contained herein. At service subscription, the customer will be expected to specify the PVC Committed Information Rate (CIR) capacity and the Maximum Burst size (Be) for each port ordered. **(N)**

ACCESS SERVICE

18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)18.5 Frame Relay Service (Cont'd)(D) Obligations of the Customer (Cont'd)

(N)

- It shall be the responsibility of the customer to ensure the continuing compatibility of the customer-provided equipment (CPE) that is used in conjunction with the Frame Relay Service. The CPE shall be in compliance with FCC rules and regulations.
- The customer shall be responsible for obtaining permission for the Telephone Company's agents or employees to enter the premises of the customer or its users at any reasonable hour for the purpose of installing, inspecting, repairing, or, upon termination of the service, removing the service components of the Telephone Company.
- Error correction is the responsibility of the customer's terminal equipment and/or applications. If the FRS network experiences congestion or failures, customer data may be discarded. In addition, frames that are received in excess of the Be, with bad addresses, or other errors, will be discarded on ingress to the network.

(E) Rate Regulations

(1) Minimum Period

The minimum period for Frame Relay Service is one month, except when provided under a Term Payment Plan (TPP) arrangement. The regulations applicable to Frame Relay Service provided under a TPP arrangement are specified under 18.5(E)(4).

(N)

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18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

18.5 Frame Relay Service (Cont'd)

(E) Rate Regulations (Cont'd)

(N)

(2) Rate Elements

(a) Frame Relay UNI Port and Access Line

A nonrecurring charge and a monthly rate, based on the speed of the port connection (i.e., 56/64 Kbps or 1.544 Mbps), apply per port for each physical connection to the network supporting Frame Relay Service. Each port can accommodate multiple paths PVCs.

(b) Frame Relay UNI or NNI Port Only

A nonrecurring charge and a monthly rate, based on the speed of the port connection (i.e., 56/64 Kbps or 1.544 Mbps), apply per port for each Frame Relay Access Line or digital private line connection to the network supporting Frame Relay Service. Each port can accommodate multiple paths.

(1) Network-to-Network Interface (NNI) Port Only.

The NNI port configuration is used for connecting two networks together for bi-directional messaging. Access facilities are available from Section 7.

(2) User-to-Network Interface (UNI) Port Only.

The UNI Port provides for a user to carrier connection (i.e., GTE to Local Exchange Carrier or Interexchange Carrier). Access facilities are available from Section 7.

(N)

ACCESS SERVICE

18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)18.5 Frame Relay Service (Cont'd)(E) Rate Regulations (Cont'd)

(N)

(2) Rate Elements (Cont'd)

(c) Frame Relay PVC CIR Capacity

A monthly rate applies for the PVC CIR capacity for each port requested by the customer.

(3) Rate Application

A customer may access Frame Relay Service via a Frame Relay Access Line or via Telephone Company provided digital access facilities offered under Section 7. If a customer utilizes a special access line to access FRS, the associated regulations, rates and charges for such facilities shall apply in addition to the rates and charges associated with the FRS rate elements.

A customer utilizing special access facilities to access FRS would incur the monthly rate and nonrecurring charge associated with the Frame Relay UNI or NNI Port Only charge set forth under 18.5(F)(1)(b) or 18.5(F)(1)(c) respectively for standard arrangements. The UNI Port provides for a user to frame relay switch connection; the NNI Port provides for a frame relay switch to frame relay switch connection.

(N)

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18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)18.5 Frame Relay Service (Cont'd)(E) Rate Regulations (Cont'd)

(N)

(3) Rate Application (Cont'd)

The Frame Relay Port (unbundled or bundled with an access line) and its associated PVC segment(s) may be ordered and billed separately from an associated frame relay port and PVC and can have different Controllers, as discussed under 18.5(B). A request by one customer to discontinue a PVC does not result in the disconnection of the Frame Relay Access Line and Port. Only the Controller of a Frame Relay Access Line may authorize a disconnect of that line.

Administrative changes to existing service will be made without charge(s) to the customer. Administrative changes are as follows:

- Change of customer name, i.e., the customer or record does not change but rather the name of record changes its name, e.g., XYZ Company to XYZ Communications,
- Change of customer premises address when the change of address is not a result of a physical relocation of facilities,
- Change in billing data (name, address, or contact name or telephone number),
- Change of customer contact name or telephone number, and
- Change of customer service element identification.

(N)

GTE SYSTEM TELEPHONE COMPANIES

Director-Pricing and Tariffs

600 Hidden Ridge

Irving, Texas 75038

Issued: December 5, 1997

TARIFF FCC NO. 1

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ACCESS SERVICE

18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

18.5 Frame Relay Service (Cont'd)

(E) Rate Regulations (Cont'd)

(4) Term Payment Plan (TPP)

(a) General

(1) The terms and conditions specified herein are applicable to Frame Relay Service and are in addition to other regulations as specified in this tariff.

(2) The Frame Relay UNI Port with Access Line and Frame Relay UNI or NNI Port Only rate elements are available under a TPP. PVC CIR capacity (T) is not offered under a TPP. Digital special access lines and (T) (3) additional features are available at their tariffed rates and regulations.

(4) Frame Relay TPP rates will not be greater than standard month-to-month Frame Relay rates, for the same rate elements.

Three year and five year TPP rates will be equal to or less than the (5) one year TPP rates. Decreases to the one year TPP rates will flow through the three year and five year TPP rates. Rate elements must (T) be ordered under the same TPP period. (T)

(6) Payment periods of one year, three year, and five year are available to all customers at the applicable rates set forth in 18.5(F)(2) regardless of when they subscribe to a TPP arrangement.

The customer must designate on the ASR the payment period for the TPP.

GTE SYSTEM TELEPHONE COMPANIES

Director-Pricing and Tariffs

600 Hidden Ridge

Irving, Texas 75038

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ACCESS SERVICE

18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

18.5 Frame Relay Service (Cont'd)

(E) Rate Regulations (Cont'd)

(4) Term Payment Plan (TPP) (Cont'd)

(a) General (Cont'd)

- (7) Inside moves, provided in accordance with Section 7.2.1(D), will not incur termination liability charges.
- (8) Outside moves, provided in accordance with Section 7.2.1(D), will allow the customer to retain the same TPP payment period. Any other move will be treated as a disconnect of the service and termination liability charges will apply.
- (9) The threshold quantity is 25 DS0 equivalent ports per state up to 125 for 5 or more states, in service no later than 12 months from the date the TPP was initiated. These may include UNI and NNI ports. DS0 equivalents are measured as follows:

56 Kbps FRS is equivalent to (1) one DS0 unit

1.544 Mbps FRS is equivalent to (24) twenty-four DS0 units

45 Mbps is equivalent to (672) six hundred seventy two DS0 units

The threshold quantity is to be maintained for the length of the term selected.

- (10) Each customer's TPP will be reviewed annually. If the total quantity (Z) in service does not meet the threshold quantity, a payment equal to the difference between the discounted amount paid and the month-to-month amount that would have been charged for services not under a TPP arrangement will be assessed, plus a 10% penalty. The charges will be calculated using the in service quantity at the time of review.

ACCESS SERVICE

18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)18.5 Frame Relay Service (Cont'd)(E) Rate Regulations (Cont'd)

(4) Term Payment Plan (TPP) (Cont'd)

(a) General (Cont'd)

(10) (Cont'd)

(Z)

The customer may choose to increase the DS0 equivalents within 30 days to the threshold quantity and continue under the TPP arrangement or choose to be billed on a going forward basis at the month-to-month rates.

If, after 30 days, the threshold level is not met, the TPP will automatically be changed to a standard month-to-month arrangement.

(b) Termination liability will apply.

Changes in Length of TPP Period

Prior to the completion of the selected TPP period, the customer may elect to convert to a new TPP period of the same or different length, subject to the following conditions:

- No credit toward the new payment period will be given for payments made under the original TPP arrangement.
- Nonrecurring charges will not be reapplied for existing service(s).
- If the new TPP period is shorter in length than the time remaining under the existing TPP, the change to the new TPP period constitutes a discontinuance of the existing TPP service and termination liability charges apply.

ACCESS SERVICE

18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)18.5 Frame Relay Service (Cont'd)(E) Rate Regulations (Cont'd)

(N)

(4) Term Payment Plan (TPP) (Cont'd)

(c) Renewal Options

(1) At the expiration of a TPP period, the Telephone Company will automatically renew the service at the same TPP period unless the customer chooses to convert to a different TPP period, convert to month-to-month rates or discontinue service.

(2) Conversion to a different TPP period will require the customer to submit a change order ASR. Conversion of existing TPP service to a different TPP period will be allowed without application of any nonrecurring or ordering charges.

(3) Conversion to month-to-month rates will be treated as a disconnect of service and establishment of new service. However, if no other changes are ordered, no charge will apply.

(d) Notification of Discontinuance

An ASR for discontinuance of a TPP arrangement must be received by the Telephone Company at least thirty (30) days prior to actual disconnect of service. Monthly charges will apply for a period of thirty (30) days from the date the Telephone Company receives disconnect notification or until the requested disconnect date, whichever period is longer.

(N)

ACCESS SERVICE

18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)18.5 Frame Relay Service (Cont'd)(E) Rate Regulations (Cont'd)

(N)

(4) Term Payment Plan (TPP) (Cont'd)

(e) Upgrade to Higher Speed Service

Customers may elect to upgrade service(s) to a higher speed during a TPP period, subject to the following conditions:

- Both the existing and the new services are provided solely by the Company;
- The order to discontinue a service at an existing speed or capacity and the order for the upgraded service are received by the Company at the same time;
- The new service will be provided at the same customer location as the discontinued service;
- The fixed-period plan for the upgraded service(s) meets or exceeds the remaining length of the existing fixed-period plan;
- The total monthly rate of the new agreement is equal to or greater than the total monthly rate of the existing agreement period;
- The monthly rates for the upgraded services and/or service elements will be those in effect at the time of the service upgrade. The upgraded service will be subject to all appropriate nonrecurring charges; and,
- Termination liability charges will not apply as long as the upgraded service remains connected at the same point of termination(s) or meets the requirements set forth in Section 7.2.1(D).

(N)

ACCESS SERVICE

18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)18.5 Frame Relay Service (Cont'd)(E) Rate Regulations (Cont'd)

(N)

(4) Term Payment Plan (TPP) (Cont'd)

(f) Termination Liability

When a TPP arrangement is discontinued prior to the end of the period, termination liability charges, as set forth below, will apply based on the remainder of the TPP period in effect at the time of disconnect.

One Year TPP - 50% of any remaining portion of the first year's recurring charges for the in service quantity.

Three Year TPP - 50% of any remaining portion of the first year's recurring charges. In addition, for any remaining portion of the second and third years the customer will be liable for 10% of the total monthly recurring charges in that time period for the in service quantity.

Five Year TPP - 50% of any remaining portion of the first year's recurring charges. In addition, for any remaining portion of the second through fifth years, the customer will be liable for 10% for the total monthly recurring charges in that time period for the in service quantity.

(g) Termination Without Liability

During a TPP period, should the currently effective rate for a customer's service increase, the customer may, at his/her option, terminate the TPP arrangement without penalty or liability.

(N)

GTE SYSTEM TELEPHONE COMPANIES

Director-Tariffs (T)
 600 Hidden Ridge
 Irving, Texas 75038
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ACCESS SERVICE**18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)****18.5 Frame Relay Service (Cont'd)**(F) Rate and Charges(1) Standard Arrangements(a) Frame Relay UNI Port and Access Line, each#

(USOC)	<u>56/64*Kbps</u>		<u>1.544 Mbps</u>	
	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u> (FP8)	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u> (FP8)
<u>Jurisdiction</u>				
Alabama	\$295.00	\$140.00	\$395.00	\$625.00
Arkansas	295.00	140.00	395.00	625.00
California	295.00	140.00	395.00	625.00
Illinois	295.00	140.00	395.00	625.00
Indiana	295.00	140.00	395.00	625.00
Iowa	295.00	140.00	395.00	625.00
Kentucky	295.00	140.00	395.00	625.00
Missouri	295.00	140.00	395.00	625.00
North Carolina	295.00	140.00	395.00	625.00
Pennsylvania	295.00	140.00	395.00	625.00
Texas	295.00	140.00	395.00	625.00
Virginia	295.00	140.00	395.00	625.00
Washington	295.00	140.00	395.00	625.00

(D) (x)

The PVC CIR capacity rate element under 18.5 (F)(1)(d) also applies.

* Upon request and where available.

(x) Effective January 1, 1999, regulations, rates and charges for the jurisdiction of South Carolina are as set forth in GTOC Tariff FCC No. 1.

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GTE SYSTEM TELEPHONE COMPANIES

Director-Tariffs (T)
 600 Hidden Ridge
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ACCESS SERVICE**18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)****18.5 Frame Relay Service (Cont'd)****(F) Rate and Charges****(1) Standard Arrangements****(b) Frame Relay UNI Port Only, each@#**

	<u>56/64*Kbps</u>		<u>1.544 Mbps</u>		<u>45 Mbps</u>	
	Non-		Non-		Non-	
	recurring	Monthly	recurring	Monthly	recurring	Monthly
	Charge	Rate	Charge	Rate	Charge	Rate
(USOC)		(FP9)		(FP9)		(FP9)

Jurisdiction

Alabama	\$95.00	\$24.00	\$395.00	\$240.00	\$395.00	\$1,300.00
Arkansas	95.00	24.00	395.00	240.00	395.00	1,300.00
California	95.00	24.00	395.00	240.00	395.00	1,300.00
Illinois	95.00	24.00	395.00	240.00	395.00	1,300.00
Indiana	95.00	24.00	395.00	240.00	395.00	1,300.00
Iowa	95.00	24.00	395.00	240.00	395.00	1,300.00
Kentucky	95.00	24.00	395.00	240.00	395.00	1,300.00
Missouri	95.00	24.00	395.00	240.00	395.00	1,300.00
North Carolina	95.00	24.00	395.00	240.00	395.00	1,300.00
Pennsylvania	95.00	24.00	395.00	240.00	395.00	1,300.00
Texas	95.00	24.00	395.00	240.00	395.00	1,300.00
Virginia	95.00	24.00	395.00	240.00	395.00	1,300.00
Washington	95.00	24.00	395.00	240.00	395.00	1,300.00

(D) (x)

The PVC CIR capacity rate element under 18.5(F)(1)(d) also applies.

* Upon request and where available.

@ Refer to Section 7 for the appropriate Special Access Circuit Termination rate.

(x) Effective January 1, 1999, regulations, rates and charges for the jurisdiction of South Carolina are as set forth in GTOC Tariff FCC No. 1.

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GTE SYSTEM TELEPHONE COMPANIES

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 600 Hidden Ridge
 Irving, Texas 75038
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ACCESS SERVICE

18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)18.5 Frame Relay Service (Cont'd)(F) Rate and Charges (Cont'd)(1) Standard Arrangements (Cont'd)(c) Frame Relay NNI Port Only, each@#

	<u>1.544 Mbps</u>		<u>45 Mbps</u>	
	Non- recurring Charge	Monthly Rate	Non- recurring Charge	Monthly Rate
(USOC)		(NN7)		(NN7)
<u>Jurisdiction</u>				
Alabama	\$295.00	\$180.00	\$595.00	\$800.00
Arkansas	295.00	180.00	595.00	850.00
California	295.00	180.00	595.00	800.00
Illinois	295.00	180.00	595.00	800.00
Indiana	295.00	180.00	595.00	800.00
Iowa	295.00	180.00	595.00	800.00
Kentucky	295.00	180.00	595.00	800.00
Missouri	295.00	180.00	595.00	800.00
North Carolina	295.00	180.00	595.00	800.00
Pennsylvania	295.00	180.00	595.00	800.00
Texas	295.00	180.00	595.00	800.00
Virginia	295.00	180.00	595.00	800.00
Washington	295.00	180.00	595.00	800.00

(D) (x)

The PVC CIR capacity rate element under 18.5(F)(1)(d) also applies.

@ Refer to Section 7 for the appropriate Special Access Circuit Termination rate.

(x) Effective January 1, 1999, regulations, rates and charges for the jurisdiction of South Carolina are as set forth in GTOC Tariff FCC No. 1.

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GTE SYSTEM TELEPHONE COMPANIES

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 600 Hidden Ridge
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ACCESS SERVICE**18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)****18.5 Frame Relay Service (Cont'd)**(F) Rate and Charges (Cont'd)(1) Standard Arrangements (Cont'd)(d) Frame Relay Permanent Virtual Circuit CIR Capacity, each

Monthly
 Rate
Based on CIR Requested

	<u>0-32 Kbps (T)</u>	<u>33-64 Kbps</u>	<u>65-96 Kbps</u>	<u>97-128 Kbps</u>
(USOC)	(CORUK)	(CORUL)	(CORUM)	(CORUN)
<u>Jurisdiction</u>				
Alabama	\$8.00	\$15.00	\$22.00	\$27.00
Arkansas	8.00	15.00	22.00	27.00
California	8.00	15.00	22.00	27.00
Illinois	8.00	15.00	22.00	27.00
Indiana	8.00	15.00	22.00	27.00
Iowa	8.00	15.00	22.00	27.00
Kentucky	8.00	15.00	22.00	27.00
Missouri	8.00	15.00	22.00	27.00
North Carolina	8.00	15.00	22.00	27.00
Pennsylvania	8.00	15.00	21.00	27.00
Texas	8.00	15.00	22.00	27.00
Virginia	8.00	15.00	22.00	27.00
Washington	8.00	15.00	22.00	27.00

(D) (x)

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GTE SYSTEM TELEPHONE COMPANIES

Director-Tariffs (T)
 600 Hidden Ridge
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ACCESS SERVICE**18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)****18.5 Frame Relay Service (Cont'd)****(F) Rate and Charges (Cont'd)****(1) Standard Arrangements (Cont'd)****(d) Frame Relay Permanent Virtual Circuit CIR Capacity, each (Cont'd)**

Monthly
 Rate
Based on CIR Requested

129-192 Kbps 193-256 Kbps 257-320 Kbps 321-384 Kbps

(USOC) (CORUO) (CORUP) (CORUQ) (CORUR)

Jurisdiction

Alabama	\$36.00	\$42.00	\$48.00	\$54.00
Arkansas	36.00	42.00	48.00	54.00
California	36.00	42.00	48.00	54.00
Illinois	36.00	42.00	48.00	54.00
Indiana	36.00	42.00	48.00	54.00
Iowa	36.00	42.00	48.00	54.00
Kentucky	36.00	42.00	48.00	54.00
Missouri	36.00	42.00	48.00	54.00
North Carolina	36.00	42.00	48.00	54.00
Pennsylvania	36.00	42.00	48.00	54.00
Texas	36.00	42.00	48.00	54.00
Virginia	36.00	42.00	48.00	54.00
Washington	36.00	42.00	48.00	54.00

(D) (x)

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GTE SYSTEM TELEPHONE COMPANIES

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 600 Hidden Ridge
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ACCESS SERVICE**18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)****18.5 Frame Relay Service (Cont'd)****(F) Rate and Charges (Cont'd)****(1) Standard Arrangements (Cont'd)****(d) Frame Relay Permanent Virtual Circuit CIR Capacity, each (Cont'd)**

Monthly
 Rate
Based on CIR Requested

385-512 Kbps 513-768 Kbps 769-1152 Kbps 1153-1536 Kbps

(USOC) (CORUS) (CORUT) (CORUU) (CORUV)

Jurisdiction

Alabama	\$60.00	\$70.00	\$80.00	\$90.00
Arkansas	60.00	70.00	80.00	90.00
California	60.00	70.00	80.00	90.00
Illinois	60.00	70.00	80.00	90.00
Indiana	60.00	70.00	80.00	90.00
Iowa	60.00	70.00	80.00	90.00
Kentucky	60.00	70.00	80.00	90.00
Missouri	60.00	70.00	80.00	90.00
North Carolina	60.00	70.00	80.00	90.00
Pennsylvania	60.00	70.00	80.00	90.00
Texas	60.00	70.00	80.00	90.00
Virginia	60.00	70.00	80.00	90.00
Washington	60.00	70.00	80.00	90.00

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GTE SYSTEM TELEPHONE COMPANIES

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600 Hidden Ridge

Irving, Texas 75038

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ACCESS SERVICE**18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)****18.5 Frame Relay Service (Cont'd)**(F) Rate and Charges (Cont'd)(1) Standard Arrangements (Cont'd)(d) Frame Relay Permanent Virtual Circuit CIR Capacity, each (Cont'd)

Monthly
Rate
Based on CIR Requested

	<u>1537- 4000 Kbps</u>	<u>4001- 10000 Kbps</u>	<u>10001- 15000 Kbps</u>	<u>15001- 20000 Kbps</u>	<u>20001- 25000 Kbps</u>
(USOC)	(CORUA)	(CORUB)	(CORUC)	(CORUD)	(CORUE)
<u>Jurisdiction</u>					
Alabama	\$120.00	\$250.00	\$330.00	\$410.00	\$490.00
Arkansas	120.00	250.00	330.00	410.00	490.00
California	120.00	250.00	330.00	410.00	490.00
Illinois	120.00	250.00	330.00	410.00	490.00
Indiana	120.00	250.00	330.00	410.00	490.00
Iowa	120.00	250.00	330.00	410.00	490.00
Kentucky	120.00	250.00	330.00	410.00	490.00
Missouri	120.00	250.00	330.00	410.00	490.00
North Carolina	120.00	250.00	330.00	410.00	490.00
Pennsylvania	120.00	250.00	330.00	410.00	490.00
Texas	120.00	250.00	330.00	410.00	490.00
Virginia	120.00	250.00	330.00	410.00	490.00
Washington	120.00	250.00	330.00	410.00	490.00

(D) (x)

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GTE SYSTEM TELEPHONE COMPANIES

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 600 Hidden Ridge
 Irving, Texas 75038
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ACCESS SERVICE**18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)****18.5 Frame Relay Service (Cont'd)****(F) Rate and Charges (Cont'd)****(1) Standard Arrangements (Cont'd)****(d) Frame Relay Permanent Virtual Circuit CIR Capacity, each (Cont'd)**

	Monthly Rate <u>Based on CIR Requested</u>			
	<u>25001- 30000 Kbps</u>	<u>30001- 35000 Kbps</u>	<u>35001- 40000 Kbps</u>	<u>40001- 45000 Kbps</u>
(USOC)	(CORUF)	(CORUG)	(CORUH)	(CORUJ)
<u>Jurisdiction</u>				
Alabama	\$570.00	\$650.00	\$730.00	\$800.00
Arkansas	570.00	650.00	730.00	800.00
California	570.00	650.00	730.00	800.00
Illinois	570.00	650.00	730.00	800.00
Indiana	570.00	650.00	730.00	800.00
Iowa	570.00	650.00	730.00	800.00
Kentucky	570.00	650.00	730.00	800.00
Missouri	570.00	650.00	730.00	800.00
North Carolina	570.00	650.00	730.00	800.00
Pennsylvania	570.00	650.00	730.00	800.00
Texas	570.00	650.00	730.00	800.00
Virginia	570.00	650.00	730.00	800.00
Washington	570.00	650.00	730.00	800.00

(D) (x)

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GTE SYSTEM TELEPHONE COMPANIES

Director-Tariffs (T)
 600 Hidden Ridge
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ACCESS SERVICE**18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)****18.5 Frame Relay Service (Cont'd)****(F) Rate and Charges (Cont'd)****(2) Term Payment Plan****(a) Frame Relay UNI Port and Access Line, each#****(1) 56 Kbps/64* Kbps**

	Nonrecurring		Monthly Rate	
(USOC)	<u>Charge</u>	<u>1 Year</u>	<u>3 Year</u>	<u>5 Year</u>
		(FP8)	(FP8)	(FP8)
<u>Jurisdiction</u>				
Alabama	\$295.00	\$135.00	\$125.00	\$120.00
Arkansas	295.00	135.00	125.00	120.00
California	295.00	135.00	125.00	120.00
Illinois	295.00	135.00	125.00	120.00
Indiana	295.00	135.00	125.00	120.00
Iowa	295.00	135.00	125.00	120.00
Kentucky	295.00	135.00	125.00	120.00
Missouri	295.00	135.00	125.00	120.00
North Carolina	295.00	135.00	125.00	120.00
Pennsylvania	295.00	135.00	125.00	120.00
Texas	295.00	135.00	125.00	120.00
Virginia	295.00	135.00	125.00	120.00
Washington	295.00	135.00	125.00	120.00

(D) (x)

The PVC CIR capacity rate element under 18.5(F)(1)(d) also applies.

* Upon request and where available.

(x) Effective January 1, 1999, regulations, rates and charges for the jurisdiction of South Carolina are as set forth in GTOC Tariff FCC No. 1.

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GTE SYSTEM TELEPHONE COMPANIES

Director-Tariffs (T)

600 Hidden Ridge

Irving, Texas 75038

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ACCESS SERVICE**18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)****18.5 Frame Relay Service (Cont'd)**(F) Rate and Charges (Cont'd)(2) Term Payment Plan (TPP) (Cont'd)(a) Frame Relay UNI Port and Access Line, each# (Cont'd)(2) 1.544 Mbps

	Nonrecurring Charge	1 Year (FP8)	Monthly Rate 3 Year (FP8)	5 Year (FP8)
(USOC)				
<u>Jurisdiction</u>				
Alabama	\$395.00	\$580.00	\$560.00	\$535.00
Arkansas	395.00	580.00	560.00	535.00
California	395.00	580.00	560.00	535.00
Illinois	395.00	580.00	560.00	535.00
Indiana	395.00	580.00	560.00	535.00
Iowa	395.00	580.00	560.00	535.00
Kentucky	395.00	580.00	560.00	535.00
Missouri	395.00	580.00	560.00	535.00
North Carolina	395.00	580.00	560.00	535.00
Pennsylvania	395.00	580.00	560.00	535.00
Texas	395.00	580.00	560.00	535.00
Virginia	395.00	580.00	560.00	535.00
Washington	395.00	580.00	560.00	535.00

(D) (x)

The PVC CIR capacity rate element under 18.5(F)(1)(d) also applies.

(x) Effective January 1, 1999, regulations, rates and charges for the jurisdiction of South Carolina are as set forth in GTOC Tariff FCC No. 1.

(This page filed under Transmittal No. 269.)

GTE SYSTEM TELEPHONE COMPANIES

Director-Tariffs (T)
 600 Hidden Ridge
 Irving, Texas 75038
 Issued: December 17, 1998

TARIFF FCC NO. 1

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Effective: January 1, 1999

ACCESS SERVICE**18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)****18.5 Frame Relay Service (Cont'd)**(F) Rate and Charges (Cont'd)(2) Term Payment Plan (TPP) (Cont'd)(b) Frame Relay UNI Port Only, each@#(1) 56 Kbps/64* Kbps

(USOC)	Nonrecurring	Monthly Rate		
	<u>Charge</u>	<u>1 Year</u>	<u>3 Year</u>	<u>5 Year</u>
		(FP9)	(FP9)	(FP9)
<u>Jurisdiction</u>				
Alabama	\$95.00	23.00	22.00	21.00
Arkansas	95.00	23.00	22.00	21.00
California	95.00	23.00	22.00	21.00
Illinois	95.00	23.00	22.00	21.00
Indiana	95.00	23.00	22.00	21.00
Iowa	95.00	23.00	22.00	21.00
Kentucky	95.00	23.00	22.00	21.00
Missouri	95.00	23.00	22.00	21.00
North Carolina	95.00	23.00	22.00	21.00
Pennsylvania	95.00	23.00	22.00	21.00
Texas	95.00	23.00	22.00	21.00
Virginia	95.00	23.00	22.00	21.00
Washington	95.00	23.00	22.00	21.00

(D) (x)

The PVC CIR capacity rate element under 18.5(F)(1)(d) also applies.

* Upon request and where available.

@ Refer to Section 7 for the appropriate Special Access Circuit Termination rate.

(x) Effective January 1, 1999, regulations, rates and charges for the jurisdiction of South Carolina are as set forth in GTOC Tariff FCC No. 1.

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GTE SYSTEM TELEPHONE COMPANIES

Director-Tariffs (T)
 600 Hidden Ridge
 Irving, Texas 75038
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ACCESS SERVICE**18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)****18.5 Frame Relay Service (Cont'd)**

(F) Rate and Charges (Cont'd)

(2) Term Payment Plan (TPP) (Cont'd)

(b) Frame Relay UNI Port Only, each@# (Cont'd)

(2) 1.544 Mbps

	Nonrecurring		Monthly Rate	
(USOC)	<u>Charge</u>	<u>1 Year</u>	<u>3 Year</u>	<u>5 Year</u>
		(FP9)	(FP9)	(FP9)
<u>Jurisdiction</u>				
Alabama	\$395.00	\$230.00	\$220.00	\$210.00
Arkansas	395.00	230.00	220.00	210.00
California	395.00	230.00	220.00	210.00
Illinois	395.00	230.00	220.00	210.00
Indiana	395.00	230.00	220.00	210.00
Iowa	395.00	230.00	220.00	210.00
Kentucky	395.00	230.00	220.00	210.00
Missouri	395.00	230.00	220.00	210.00
North Carolina	395.00	230.00	220.00	210.00
Pennsylvania	395.00	230.00	220.00	210.00
Texas	395.00	230.00	220.00	210.00
Virginia	395.00	230.00	220.00	210.00
Washington	395.00	230.00	220.00	210.00

(D) (x)

The PVC CIR capacity rate element under 18.5(F)(1)(d) also applies.

@ Refer to Section 7 for the appropriate Special Access Circuit Termination rate.

(x) Effective January 1, 1999, regulations, rates and charges for the jurisdiction of South Carolina are as set forth in GTOC Tariff FCC No. 1.

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Irving, Texas 75038

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ACCESS SERVICE

18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)18.5 Frame Relay Service (Cont'd)(F) Rate and Charges (Cont'd)(2) Term Payment Plan (TPP) (Cont'd)(b) Frame Relay UNI Port Only, each@# (Cont'd)(3) 45 Mbps

	<u>Nonrecurring Charge</u>	<u>1 Year</u>	<u>Monthly Rate 3 Year</u>	<u>5 Year</u>
(USOC)		(FP9)	(FP9)	(FP9)
<u>Jurisdiction</u>				
Alabama	\$395.00	\$1,270.00	\$1,230.00	\$1,200.00
Arkansas	395.00	1,270.00	1,230.00	1,200.00
California	395.00	1,270.00	1,230.00	1,200.00
Illinois	395.00	1,270.00	1,230.00	1,200.00
Indiana	395.00	1,270.00	1,230.00	1,200.00
Iowa	395.00	1,270.00	1,230.00	1,200.00
Kentucky	395.00	1,270.00	1,230.00	1,200.00
Missouri	395.00	1,270.00	1,230.00	1,200.00
North Carolina	395.00	1,270.00	1,230.00	1,200.00
Pennsylvania	395.00	1,270.00	1,230.00	1,200.00
Texas	395.00	1,270.00	1,230.00	1,200.00
Virginia	395.00	1,270.00	1,230.00	1,200.00
Washington	395.00	1,270.00	1,230.00	1,200.00

(D) (x)

The PVC CIR capacity rate element under 18.5(F)(1)(d) also applies.

@ Refer to Section 7 for the appropriate Special Access Circuit Termination rate.

(x) Effective January 1, 1999, regulations, rates and charges for the jurisdiction of South Carolina are as set forth in GTOC Tariff FCC No. 1.

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GTE SYSTEM TELEPHONE COMPANIES

Director-Tariffs (T)
 600 Hidden Ridge
 Irving, Texas 75038
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ACCESS SERVICE**18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)****18.5 Frame Relay Service (Cont'd)****(F) Rate and Charges (Cont'd)****(2) Term Payment Plan (TPP) (Cont'd)****(c) Frame Relay NNI Port Only, each@# (Cont'd)****(1) 1.544 Kbps**

	Nonrecurring		Monthly Rate	
(USOC)	<u>Charge</u>	<u>1 Year</u>	<u>3 Year</u>	<u>5 Year</u>
		(NN7)	(NN7)	(NN7)
<u>Jurisdiction</u>				
Alabama	\$295.00	\$170.00	\$160.00	\$150.00
Arkansas	295.00	170.00	160.00	150.00
California	295.00	170.00	160.00	150.00
Illinois	295.00	170.00	160.00	150.00
Indiana	295.00	170.00	160.00	150.00
Iowa	295.00	170.00	160.00	150.00
Kentucky	295.00	170.00	160.00	150.00
Missouri	295.00	170.00	160.00	150.00
North Carolina	295.00	170.00	160.00	150.00
Pennsylvania	295.00	170.00	160.00	150.00
Texas	295.00	170.00	160.00	150.00
Virginia	295.00	170.00	160.00	150.00
Washington	295.00	170.00	160.00	150.00

(D) (x)

The PVC CIR capacity rate element under 18.5(F)(1)(d) also applies.

@ Refer to Section 7 for the appropriate Special Access Circuit Termination rate.

(x) Effective January 1, 1999, regulations, rates and charges for the jurisdiction of South Carolina are as set forth in GTOC Tariff FCC No. 1.

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GTE SYSTEM TELEPHONE COMPANIES

Director-Tariffs (T)
 600 Hidden Ridge
 Irving, Texas 75038
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ACCESS SERVICE**18 ADVANCED COMMUNICATIONS NETWORKS (Cont'd)****18.5 Frame Relay Service (Cont'd)**(F) Rate and Charges (Cont'd)(2) Term Payment Plan (TPP) (Cont'd)(c) Frame Relay NNI Port Only, each@# (Cont'd)(2) 45 Mbps

(USOC)	Nonrecurring	Monthly Rate		
	<u>Charge</u>	<u>1 Year</u>	<u>3 Year</u>	<u>5 Year</u>
		(NN7)	(NN7)	(NN7)
<u>Jurisdiction</u>				
Alabama	\$595.00	\$750.00	\$725.00	\$700.00
Arkansas	595.00	750.00	725.00	700.00
California	595.00	750.00	725.00	700.00
Indiana	595.00	750.00	725.00	700.00
Iowa	595.00	750.00	725.00	700.00
Kentucky	595.00	750.00	725.00	700.00
Missouri	595.00	750.00	725.00	700.00
North Carolina	595.00	750.00	725.00	700.00
Pennsylvania	595.00	750.00	725.00	700.00
Texas	595.00	750.00	725.00	700.00
Virginia	595.00	750.00	725.00	700.00
Washington	595.00	750.00	725.00	700.00

(D) (x)

The PVC CIR capacity rate element under 18.5(F)(1)(d) also applies.

@ Refer to Section 7 for the appropriate Special Access Circuit Termination rate.

(x) Effective January 1, 1999, regulations, rates and charges for the jurisdiction of South Carolina are as set forth in GTOC Tariff FCC No. 1.

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